

09/993,759

L Number	Hits	Search Text	DB	Time stamp
1	2	("6518367").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/15 11:58
2	2	jp-10120788-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/15 12:01
3	2613105	cyclic(w)polysulfide	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/15 12:01
4	30	cyclic adj (polysulfide or polysulphide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/15 12:02

09/993,759

(FILE 'HOME' ENTERED AT 12:26:48 ON 15 OCT 2004)

FILE 'CAPLUS' ENTERED AT 12:27:05 ON 15 OCT 2004

L1 15614 S (112-26-5# OR 111-91-1# OR 111-44-4# OR 5197-65-9# OR
52559-9
L2 3773 S (142-28-9# OR 110-56-5# OR 628-76-2# OR 78-87-5#)/RN
L3 7390 S (31255-10-4# OR 17229-26-4# OR 5414-19-7# OR 57602-02-5# OR
6
L4 7570 S (109-64-8# OR 110-52-1# OR 111-24-0# OR 629-03-8# OR
78-75-1#
L5 1408 S (36839-55-1# OR 76871-59-5# OR 118798-05-3# OR 624-73-7# OR
6
L6 695 S (629-09-4# OR 598-29-8# OR 373-40-0# OR 624-72-6# OR
462-39-5
S (L1 OR L2 OR L3 OR L4 OR L5 OR L6)/CRN

FILE 'REGISTRY' ENTERED AT 12:34:47 ON 15 OCT 2004

FILE 'CAPLUS' ENTERED AT 12:34:47 ON 15 OCT 2004
S L1/CRN

FILE 'REGISTRY' ENTERED AT 12:35:13 ON 15 OCT 2004

FILE 'CAPLUS' ENTERED AT 12:35:14 ON 15 OCT 2004
S (L2 OR L3 OR L4 OR L5 OR L6)/CRN

FILE 'REGISTRY' ENTERED AT 12:36:09 ON 15 OCT 2004

FILE 'CAPLUS' ENTERED AT 12:36:09 ON 15 OCT 2004
L7 721 S (12034-39-8# OR 12136-49-1# OR 74321-15-6# OR 22868-13-9#
OR
L8 262 S (37448-76-9# OR 37488-75-8# OR 51148-06-2# OR 12034-40-1#
OR
L9 135 S 37488-76-9#/RN
L10 894 S L7 OR L8 OR L9
L11 30687 S L1 OR L2 OR L3 OR L4 OR L5 OR L6
L12 16 S L10 AND L11
L13 102 S (CYCLIC(W)(POLYSULFIDE# OR POLYSULPHIDE#)) OR
CYCLOPOLYSULFID
L14 3 S L13 AND L11

FILE 'REGISTRY' ENTERED AT 12:53:39 ON 15 OCT 2004

L15 412 S (112-26-5# OR 111-91-1# OR 111-44-4# OR 5197-65-9# OR
52559-9
L16 985 S (107-06-2# OR 142-28-9# OR 110-56-5# OR 628-76-2# OR
78-87-5#
L17 1240 S (57602-02-5# OR 67705-77-5# OR 17229-26-4# OR 106-93-4# OR
10
L18 110 S (78-75-1# OR 36839-55-1# OR 76871-59-5# OR 118798-05-3# OR
62
L19 38 S (629-09-4# OR 598-29-8# OR 373-40-0# OR 624-72-6# OR
462-39-5
L20 2768 S L15 OR L16 OR L17 OR L18 OR L19
L21 101 S (12034-39-8# OR 12136-49-1# OR 74321-15-6# OR 22868-13-9#
OR
L22 11 S (37488-75-8# OR 51148-06-2# OR 12034-40-1# OR 12136-50-4#
OR
L23 112 S L21 OR L22

L24 33 S L20 AND L23

FILE 'CAPLUS' ENTERED AT 13:02:40 ON 15 OCT 2004

L25 44 S L24

L26 43 S L25 NOT L12

09/993,759

(FILE 'HOME' ENTERED AT 10:38:37 ON 15 OCT 2004)

FILE 'REGISTRY' ENTERED AT 10:39:47 ON 15 OCT 2004

L1	86 S BIS (3W) CHLOROETHOXY (3W) ETHANE
L2	114 S 1 (W) 6 (W) DICHLOROHEXANE
L3	0 S 1 (W) 6 (W) DICHLOROETHANE
L4	917 S DICHLOROETHANE
L5	258 S DIBROMOETHANE
L6	207 S DICHLOROPROPANE
L7	253 S DIBROMOPROPANE
L8	66 S DIFLUOROPROPANE
L9	9 S 1 (W) 3 (W) DIFLUOROPROPANE
L10	79 S 1 (W) 2 (W) DIFLUOROETHANE
L11	32 S BIS (3W) BROMOETHOXY (3W) ETHANE
L12	0 S BIS (3W) FLUOROETHOXY (3W) ETHANE
L13	0 S C4H12O2CL/MF
L14	0 S C6H12O2CL/MF
L15	0 S DIETHOXYETHYL (5A) DICHLORIDJE
L16	4 S DIETHOXYETHYL (5A) DICHLORIDE
L17	78 S CHLOROETHOXY (5A) ETHYL (5A) (CHLORIDE OR DICHLORIDE)
L18	0 S C6H12O2CL2/MF
L19	12 S BIS (3W) CHLOROETHOXY (3W) METHANE
L20	1 S BIS (3W) BROMOETHOXY (3W) METHANE
L21	47 S C6H12CL2O2/MF
L22	10 S L21 AND CHLOROETHOXY
L23	0 S C6H11CL2O2/MF
L24	1 S BROMOETHOXY (W) ETHYL (W) BROMIDE
L25	0 S FLUOROETHOXY (W) ETHYL (W) FLUORIDE
L26	12 S C10H20CL2O4/MF
L27	3 S C10H20BR2O4/MF
L28	0 S C10H20FL2O4/MF
L29	1 S C10H20I2O4/MF
L30	0 S BIS (W) IODOETHOXY (W) ETHANE
L31	8 S C6H12I2O2/MF
L32	5 S C4H8I2O2/MF
L33	0 S C6H12I12
L34	0 S C6H12I12/MF
L35	0 S C6H11CL2O2/MF
L36	3 S C10H20BR2O4/MF
L37	0 S C10H20FL2O4/MF
L38	3 S C12H24CL2O5/MF
L39	1 S C12H24BR2O5/MF
L40	1 S C12H24I2O5/MF
L41	1 S C12H24F2O5/MF
L42	6 S C6H12F2O2/MF
L43	6 S C5H10F2O2/MF
L44	43 S C5H10CL2O2/MF
L45	4 S L44 AND CHLOROETHOXY
L46	19 S C5H10BR2O2/MF
L47	6 S C5H10I2O2/MF
L48	43 S C5H10CL2O2/MF
L49	4 S L48 AND CHLOROETHOXY
L50	19 S C5H10BR2O2/MF
L51	6 S C5H10I2O2/MF
L52	6 S C5H10F2O2/MF
L53	113 S DICHLOROBUTANE
L54	79 S 1 (W) 4 (W) DICHLOROBUTANE
L55	1 S 1 (W) DIIDOETHANE

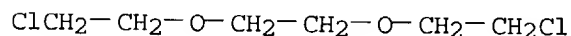
L56	95 S 1 (W) 2 (W) DIIDOETHANE
L57	33 S 1 (W) 3 (W) DIIDOPROPANE
L58	373 S 1 (W) 4 (W) DIBROMOBUTANE
L59	1 S 1 (W) 4 (W) DIFLUOROBUTANE
L60	97 S 1 (W) 4 (W) DIIDOBUTANE
L61	30 S 1 (W) 5 (W) DICHLOROPENTANE
L62	215 S 1 (W) 5 (W) DIBROMOPENTANE
L63	14 S 1 (W) 5 (W) DIIDOPENTANE
L64	2 S 1 (W) 5 (W) DIFLUOROPENTANE
L65	367 S 1 (W) 6 (W) DIBROMOHEXANE
L66	44 S 1 (W) 6 (W) DIIDOHEXANE
L67	4 S 1 (W) 6 (W) DIFLUOROHEXANE
L68	64 S 1 (W) 2 (W) DICHLOROPROPANE
L69	12 S 1 (W) 2 (W) DIBROMOPROPANE

FILE 'REGISTRY' ENTERED AT 11:42:16 ON 15 OCT 2004

FILE 'REGISTRY' ENTERED AT 11:42:22 ON 15 OCT 2004

L70	1 S 1 (W) 2 (W) DIIDOPROPANE
L71	6 S 1 (W) 2 (W) DIFLUOROPROPANE
L72	15 S SODIUM (W) TETRASULFIDE
L73	1 S POTASSIUM (W) TETRASULFIDE
L74	1 S LITHIUM (W) TETRASULFIDE
L75	0 S RUBIDIUM (W) TETRASULFIDE
L76	36 S SODIUM (W) DISULFIDE
L77	1 S 22868-13-9/RN
L78	1 S DIPOTASSIUM (W) DISULFIDE
L79	1 S DILITHIUM (W) DISULFIDE
L80	2 S DISODIUM (W) TRISULFIDE
L81	1 S DIPOTASSIUM (W) DISULFIDE
L82	1 S DIPOTASSIUM (W) TRISULFIDE
L83	0 S DILITHIUM (W) TRISULFIDE
L84	1 S LITHIUM (W) TRISULFIDE
L85	3 S SODIUM (W) PENTASULFIDE
L86	1 S POTASSIUM (W) PENTASULFIDE
L87	0 S LITHIUM (W) PENTASULFIDE
L88	1 S SODIUM (W) HEXASULFIDE
L89	1 S POTASSIUM (W) HEXASULFIDE
L90	1 S LITHIUM (W) HEXASULFIDE

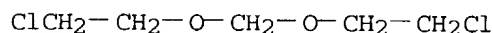
RN 112-26-5 REGISTRY
 CN Ethane, 1,2-bis(2-chloroethoxy)- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **1,2-Bis(2-chloroethoxy)ethane**
 CN **1,2-Bis(chloroethoxy)ethane**
 CN 1,8-Dichloro-3,6-dioxaoctane
 CN 2-(2-Chloroethoxy)ethyl 2'-chloroethyl ether
 CN **Bis(2-chloroethoxy)ethane**
 CN **Bis(chloroethoxy)ethane**
 CN Ethylene glycol bis(2-chloroethyl) ether
 CN Triethylene glycol dichloride
 CN Triglycol dichloride
 FS 3D CONCORD
 MF C6 H12 Cl2 O2
 CI COM
 LC STN Files: BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS,
 CASREACT,
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHM, DETHERM*,
 GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, PROMT,
 RTECS*,
 SPECINFO, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Journal; Patent; Report
 RL.P Roles from patents: PREP (Preparation); PROC (Process); PRP
 (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in
 record)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); PREP (Preparation); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP
 (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in
 record)
 RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological
 study); PREP (Preparation); PRP (Properties); USES (Uses)



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

431 REFERENCES IN FILE CA (1907 TO DATE)
 8 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 431 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

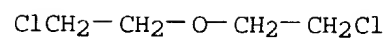
RN 111-91-1 REGISTRY
 CN Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Methane, bis(2-chloroethoxy)- (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN 1,7-Dichloro-3,5-dioxahheptane
 CN Bis(.beta.-chloroethyl) formal
 CN **Bis(2-chloroethoxy)methane**
 CN Bis(2-chloroethyl) formal
 CN Di(2-chloroethoxy)methane
 CN Di-2-chloroethyl formal
 CN Formaldehyde bis(.beta.-chloroethyl) acetal
 CN Formaldehyde bis(2-chloroethyl) acetal
 CN NSC 5212
 FS 3D CONCORD
 MF C5 H10 Cl2 O2
 CI COM
 LC STN Files: ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD,
 CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB,
 DETHERM*, HSDB*, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, NIOSHTIC, PROMT,
 RTECS*, SPECINFO, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Journal; Patent; Report
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 or reagent); USES (Uses); NORL (No role in record)
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 PRP (Properties); USES (Uses)
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 (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in
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 PRP (Properties); RACT (Reactant or reagent); USES (Uses)



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

261 REFERENCES IN FILE CA (1907 TO DATE)
 10 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 261 REFERENCES IN FILE CAPLUS (1907 TO DATE)
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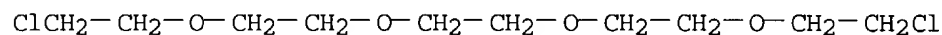
RN 111-44-4 REGISTRY
 CN Ethane, 1,1'-oxybis[2-chloro- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ether, bis(2-chloroethyl) (8CI)
 CN Ether, bis(chloroethyl) (7CI)
 OTHER NAMES:
 CN .beta.,.beta.'-Dichlorodiethyl ether
 CN .beta.,.beta.'-Dichloroethyl ether
 CN 1,1'-Oxybis[2-chloroethane]
 CN 1,5-Dichloro-3-oxapentane
 CN 1-Chloro-2-(.beta.-chloroethoxy)ethane
 CN 1-Chloro-2-(2-chloroethoxy)ethane
 CN 2,2'-Dichlorethyl ether
 CN 2,2'-Dichlorodiethyl ether
 CN 2,2'-Dichloroethyl ether
 CN **2-(2-Chloroethoxy)ethyl chloride**
 CN 2-Chloroethyl ether
 CN BCEE
 CN Bis(.beta.-chloroethyl) ether
 CN Bis(2-chloroethyl) ether
 CN Chlorex
 CN DCEE
 CN Di(.beta.-Chloroethyl) ether
 CN Di-2-chloroethyl ether
 CN Diethylene glycol dichloride
 CN NSC 406647
 CN Oxygen mustard
 CN sym-Dichloroethyl ether
 FS 3D CONCORD
 DR 92091-28-6
 MF C4 H8 Cl2 O
 CI COM
 LC STN Files: ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO,
 CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX,
 CHEMLIST, CHEMSAFE, CIN, CSCHM, CSNB, DETHERM*, DIPPR*, EMBASE,
 ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*, HODOC*, HSDB*,
 IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PROMT, PS,
 RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, ULIDAT, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent;
 Report
 RL.P Roles from patents: ANST (Analytical study); FORM (Formation,
 nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process);
 PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No
 role
 in record)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); FORM (Formation, nonpreparative); PREP (Preparation); PROC
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties);
 RACT
 (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical
 study); PREP (Preparation); PROC (Process); PRP (Properties); USES
 (Uses)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1759 REFERENCES IN FILE CA (1907 TO DATE)
33 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1759 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 5197-65-9 REGISTRY
 CN 3,6,9,12-Tetraoxatetradecane, 1,14-dichloro- (7CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ethane, 1,2-bis[2-(2-chloroethoxy)ethoxy] -
 OTHER NAMES:
 CN 1,14-Dichloro-3,6,9,12-tetraoxatetradecane
 CN Pentaethylene glycol dichloride
 FS 3D CONCORD
 DR 50906-81-5
 MF 'C10 H20 Cl2 O4
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)
 DT.CA Caplus document type: Journal; Patent
 RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent); NORL (No role in record)
 RL.NP Roles from non-patents: ANST (Analytical study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: PREP (Preparation); USES (Uses)

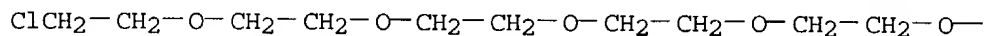


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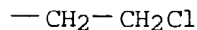
77 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 77 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 52559-90-7 REGISTRY
 CN 3,6,9,12,15-Pentaoxaheptadecane, 1,17-dichloro- (6CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 1,17-Dichloro-3,6,9,12,15-pentaoxaheptadecane
 FS 3D CONCORD
 MF C12 H24 Cl2 O5
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)
 DT.CA Caplus document type: Journal; Patent
 RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)
 RL.NP Roles from non-patents: PREP (Preparation); PRP (Properties); RACT (Reactant or reagent); NORL (No role in record)

PAGE 1-A



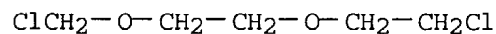
PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

37 REFERENCES IN FILE CA (1907 TO DATE)
 37 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 72418-56-5 REGISTRY
CN Ethane, 1-chloro-2-[2-(chloromethoxy)ethoxy] - (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Chloromethyl 2-(2-chloroethoxy)ethyl ether
FS 3D CONCORD
MF C5 H10 Cl2 O2
LC STN Files: BEILSTEIN*, CA, CAPLUS, TOXCENTER
(*File contains numerically searchable property data)
DT.CA Caplus document type: Journal; Patent
RL.P Roles from patents: RACT (Reactant or reagent)
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)



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3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

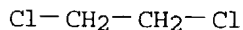
RN 2163-00-0 REGISTRY
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 OTHER NAMES:
 CN **1,6-Dichlorohexane**
 CN NSC 60700
 FS 3D CONCORD
 MF C6 H12 Cl2
 CI COM
 LC STN Files: ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS,
 CASREACT, CHEMCATS, CHEMLIST, CSCHEM, DETHERM*, GMELIN*, HODOC*,
 IFICDB,
 IFIPAT, IFIUDB, MSDS-OHS, SPECINFO, TOXCENTER, USPAT2, USPATFULL, VTB
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Journal; Patent; Report
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 PREP (Preparation); PRP (Properties); RACT (Reactant or reagent); USES
 (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
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 reagent); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
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 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties);
 RACT
 (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological
 study); PRP (Properties); USES (Uses)

Cl-(CH₂)₆-Cl

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

330 REFERENCES IN FILE CA (1907 TO DATE)
 9 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 331 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 15 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 107-06-2 REGISTRY
 CN Ethane, 1,2-dichloro- (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **.alpha.,.beta.-Dichloroethane**
 CN 1,2-Bichloroethane
 CN 1,2-Dichlorethane
 CN **1,2-Dichloroethane**
 CN 1,2-Ethylene dichloride
 CN Brocide
 CN DCE
 CN Dichlor-Mulsion
 CN Dutch liquid
 CN EDC
 CN EDC (halocarbon)
 CN Ethylene chloride
 CN Ethylene dichloride
 CN Glycol dichloride
 CN HCC 150
 CN **sym-Dichloroethane**
 FS 3D CONCORD
 DR 52399-93-6
 MF C2 H4 Cl2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU,
 DETHERM*, DIPPR*, DRUGU, EMBASE, GMELIN*, HODOC*, HSDB*, IFICDB,
 IFIPAT,
 IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA, PROMT,
 PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, ULIDAT, USPAT2, USPATFULL,
 VTB
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent;
 Preprint; Report
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties);
 RACT
 (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP
 (Properties); RACT (Reactant or reagent); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties);
 RACT
 (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical
 study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses)



RN 142-28-9 REGISTRY
 CN Propane, 1,3-dichloro- (7CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **1,3-Dichloropropane**
 CN NSC 6204
 CN R 270fa
 CN Trimethylene dichloride
 FS 3D CONCORD
 MF C3 H6 Cl2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CHEMSAFE, CSCHEM, CSNB, DETHERM*, DIPPR*,
 EMBASE, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, MEDLINE,
 MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE,
 TOXCENTER,
 ULIDAT, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent;
 Preprint; Report
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 FORM (Formation, nonpreparative); OCCU (Occurrence); PREP
 (Preparation);
 PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES
 (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); PREP (Preparation); USES (Uses)
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 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: PREP
 (Preparation); PROC (Process); PRP (Properties); USES (Uses)

Cl-CH₂-CH₂-CH₂-Cl

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1053 REFERENCES IN FILE CA (1907 TO DATE)
 9 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1054 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 23 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 110-56-5 REGISTRY
 CN Butane, 1,4-dichloro- (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **1,4-Dichlorobutane**
 CN NSC 6288
 FS 3D CONCORD
 MF C4 H8 Cl2
 CI COM
 LC STN Files: ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS,
 CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CSCHEM, CSNB,
 DETHERM*, DIPPR*, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, MSDS-OHS,
 NIOSHTIC, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent;
 Report
 RL.P Roles from patents: BIOL (Biological study); FORM (Formation,
 nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties);
 RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); PREP (Preparation); USES (Uses)
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 study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)
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 (Preparation); PRP (Properties); USES (Uses)

Cl- (CH₂)₄-Cl

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

925 REFERENCES IN FILE CA (1907 TO DATE)
 9 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 925 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 15 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

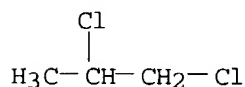
RN 628-76-2 REGISTRY
CN Pentane, 1,5-dichloro- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN **1,5-Dichloropentane**
CN NSC 6210
CN Pentamethylene chloride
FS 3D CONCORD
MF C5 H10 Cl2
CI COM
LC STN Files: ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD,
CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSChem, DETHERM*, DIPPR*, HODOC*,
IFICDB, IFIPAT, IFIUDb, NIOSHTIC, PIRA, RTECS*, SPECINFO, SYNTHLINE,
TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**, NDSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)
DT.CA Caplus document type: Book; Conference; Journal; Patent; Report
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
PREP (Preparation); RACT (Reactant or reagent); USES (Uses); NORL (No
role in record)
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP
(Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
reagent); USES (Uses); NORL (No role in record)

Cl- (CH₂)₅-Cl

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

318 REFERENCES IN FILE CA (1907 TO DATE)
318 REFERENCES IN FILE CAPLUS (1907 TO DATE)
30 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

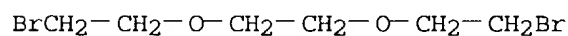
RN 78-87-5 REGISTRY
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 OTHER NAMES:
 CN 1,2-DCP
 CN **1,2-Dichloropropane**
 CN NSC 1237
 CN Propylene chloride
 CN Propylene dichloride
 CN R 270da
 FS 3D CONCORD
 DR 26198-63-0
 MF C3 H6 Cl2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB,
 CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DETHERM*, DIPPR*,
 EMBASE, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*,
 MSDS-OHS,
 NAPRALERT, NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER,
 ULIDAT, USPAT2, USPATFULL, VTB
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent;
 Preprint; Report
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 FORM (Formation, nonpreparative); OCCU (Occurrence); PREP
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 PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES
 (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical
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 USES (Uses)
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 study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU
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 (Reactant or reagent); USES (Uses); NORL (No role in record)
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 (Reactant or reagent)



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

2317 REFERENCES IN FILE CA (1907 TO DATE)
 16 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2320 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 25 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

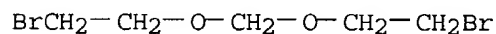
RN 31255-10-4 REGISTRY
 CN Ethane, 1,2-bis(2-bromoethoxy)- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **1,2-Bis(2-bromoethoxy)ethane**
 CN 1,8-Dibromo-3,6-dioxaoctane
 CN **Bis(.beta.-bromoethoxy)ethane**
 CN Ethylene glycol bis(2-bromoethyl ether)
 FS 3D CONCORD
 MF C6 H12 Br2 O2
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMINFORMRX,
 IFICDB, IFIPAT, IFIUDB, SPECINFO, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)
 DT.CA Caplus document type: Conference; Journal; Patent
 RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent);
 NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); OCCU (Occurrence); PREP (Preparation); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); PREP (Preparation);
 PROC (Process); RACT (Reactant or reagent); USES (Uses); NORL (No role
 in record)



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

132 REFERENCES IN FILE CA (1907 TO DATE)
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 132 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

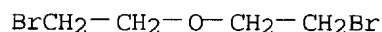
RN 17229-26-4 REGISTRY
CN Ethane, 1,1'-[methylenebis(oxy)]bis[2-bromo- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Methane, bis(2-bromoethoxy)- (6CI, 8CI)
OTHER NAMES:
CN 1,7-Dibromo-3,5-dioxaheptane
CN Bis(2-bromoethoxy)methane
FS 3D CONCORD
MF C5 H10 Br2 O2
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
(*File contains numerically searchable property data)
DT.CA Caplus document type: Journal; Patent
RL.P Roles from patents: RACT (Reactant or reagent); NORL (No role in
record)
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

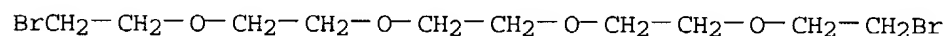
RN 5414-19-7 REGISTRY
 CN Ethane, 1,1'-oxybis[2-bromo- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ether, bis(2-bromoethyl) (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN .beta.,.beta.'-Dibromodiethyl ether
 CN 1,1'-Oxybis[2-bromoethane]
 CN 1,5-Dibromo-3-oxapentane
 CN 2,2'-Dibromodiethyl ether
 CN **2-(2-Bromoethoxy)ethyl bromide**
 CN 2-Bromoethyl ether
 CN 3-Oxa-1,5-dibromopentane
 CN Bis(.beta.-bromoethyl) ether
 CN Bis(2-bromoethyl) ether
 CN Bromex
 CN Di(2-bromoethyl) ether
 CN NSC 8025
 FS 3D CONCORD
 MF C4 H8 Br2 O
 CI COM
 LC STN Files: AGRICOLA, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA,
 CAOLD,
 CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSChem, DETHERM*,
 GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, SPECINFO, SYNTHLINE,
 TOXCENTER,
 USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Journal; Patent
 RL.P Roles from patents: PREP (Preparation); PROC (Process); RACT (Reactant
 or reagent); USES (Uses); NORL (No role in record)
 RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation);
 PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No
 role
 in record)



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

334 REFERENCES IN FILE CA (1907 TO DATE)
 334 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 7 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 57602-02-5 REGISTRY
CN 3,6,9,12-Tetraoxatetradecane, 1,14-dibromo- (6CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN 1,14-Dibromo-3,6,9,12-tetraoxatetradecane
FS 3D CONCORD
MF C10 H20 Br2 O4
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMINFORMRX,
TOXCENTER
(*File contains numerically searchable property data)
DT.CA Caplus document type: Journal; Patent
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent);
NORL (No role in record)
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

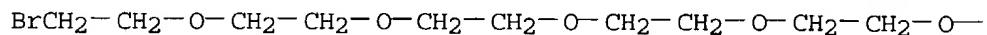


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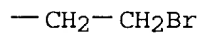
47 REFERENCES IN FILE CA (1907 TO DATE)
47 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 67705-77-5 REGISTRY
CN 3,6,9,12,15-Pentaoxaheptadecane, 1,17-dibromo- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 1,17-Dibromo-3,6,9,12,15-Pentaoxaheptadecane
FS 3D CONCORD
MF C12 H24 Br2 O5
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
DT.CA Caplus document type: Journal; Patent
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

PAGE 1-A



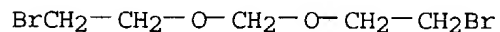
PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

23 REFERENCES IN FILE CA (1907 TO DATE)
23 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 17229-26-4 REGISTRY
CN Ethane, 1,1'-[methylenebis(oxy)]bis[2-bromo- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Methane, bis(2-bromoethoxy)- (6CI, 8CI)
OTHER NAMES:
CN 1,7-Dibromo-3,5-dioxahепtane
CN Bis(2-bromoethoxy)methane
FS 3D CONCORD
MF C5 H10 Br2 O2
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
(*File contains numerically searchable property data)
DT.CA Caplus document type: Journal; Patent
RL.P Roles from patents: RACT (Reactant or reagent); NORL (No role in
record)
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 106-93-4 REGISTRY
 CN Ethane, 1,2-dibromo- (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN .alpha.,.beta.-Dibromoethane
 CN .alpha.,.omega.-Dibromoethane
 CN 1,2-Dibromoethane
 CN Aadibroom
 CN Bromofume
 CN Dowfume W 8
 CN Dowfume W 85
 CN Edabrom
 CN EDB
 CN Ethylene bromide
 CN Ethylene dibromide
 CN Glycol dibromide
 CN Iscobrome D
 CN Nefis
 CN Sanhyuum
 CN Soilbrom
 CN Soilfume
 CN sym-Dibromoethane
 FS 3D CONCORD
 DR 625084-37-9, 8003-07-4
 MF C2 H4 Br2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU,
 DETHERM*, DIPPR*, DRUGU, EMBASE, GMELIN*, HODOC*, HSDB*, IFICDB,
 IFIPAT,
 IFIUIDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA, PROMT,
 PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, ULIDAT, USPAT2, USPATFULL,
 VTB
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent;
 Preprint; Report
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 CMBI (Combinatorial study); FORM (Formation, nonpreparative); OCCU
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties);
 RACT
 (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical
 study); BIOL (Biological study); PREP (Preparation); PROC (Process);
 PRP
 (Properties); RACT (Reactant or reagent); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
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 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties);
 RACT
 (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological
 study); FORM (Formation, nonpreparative); PREP (Preparation); PROC
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

Br-CH₂-CH₂-Br

RN 109-64-8 REGISTRY
 CN Propane, 1,3-dibromo- (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN .alpha.,.gamma.-Dibromopropane
 CN .omega.,.omega.'-Dibromopropane
 CN 1,3-Dibromopropane
 CN NSC 62663
 CN Trimethylene bromide
 CN Trimethylene dibromide
 FS 3D CONCORD
 DR 625084-38-0
 MF C3 H6 Br2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, DETHERM*, EMBASE, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
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 DT.CA Caplus document type: Conference; Journal; Patent; Report
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 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
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Br-CH₂-CH₂-CH₂-Br

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3356 REFERENCES IN FILE CA (1907 TO DATE)
 21 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 3360 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 20 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 110-52-1 REGISTRY
 CN Butane, 1,4-dibromo- (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN .alpha.,.omega.-Dibromobutane
 CN **1,4-Dibromobutane**
 CN NSC 71435
 CN Tetramethylene dibromide
 CN Tetramethylenebromide
 FS 3D CONCORD
 DR 625084-39-1
 MF C4 H8 Br2
 CI COM
 LC STN Files: ANABSTR, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT,
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, DETHERM*, GMELIN*, HODOC*,
 IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NIOSHTIC, PS, RTECS*,
 SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Journal; Patent; Report
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
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 RLD.P Roles for non-specific derivatives from patents: PREP (Preparation);
 PROC (Process); PRP (Properties); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical
 study); BIOL (Biological study); PREP (Preparation); PROC (Process);
 PRP
 (Properties); RACT (Reactant or reagent); USES (Uses)

Br—(CH₂)₄—Br

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3312 REFERENCES IN FILE CA (1907 TO DATE)
 32 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 3319 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 13 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 111-24-0 REGISTRY
 CN Pentane, 1,5-dibromo- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **1,5-Dibromopentane**
 CN 1,5-Pentanedibromide
 CN NSC 5373
 CN Pentamethylene bromide
 CN Pentamethylene dibromide
 FS 3D CONCORD
 MF C5 H10 Br2
 CI COM
 LC STN Files: BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS,
 CASREACT,
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CSChem, DETHERM*, GMELIN*, HODOC*,
 IFICDB, IFIPAT, IFIUDb, MEDLINE, MSDS-OHS, NIOSHTIC, PIRA, PS, RTECS*,
 SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Journal; Patent; Report
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT
 (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: USES (Uses)
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 study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological
 study); PREP (Preparation); PROC (Process); PRP (Properties); RACT
 (Reactant or reagent); USES (Uses)

Br—(CH₂)₅—Br

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1703 REFERENCES IN FILE CA (1907 TO DATE)
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 1703 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 32 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

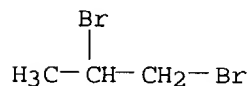
RN 629-03-8 REGISTRY
 CN Hexane, 1,6-dibromo- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN .alpha.,.omega.-Dibromohexane
 CN 1,6-Dibromo-n-hexane
 CN **1,6-Dibromohexane**
 CN Hexamethylene dibromide
 CN NSC 7306
 FS 3D CONCORD
 DR 625084-40-4
 MF C6 H12 Br2
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSCHEM, DETHERM*, GMELIN*, HODOC*, IFICDB,
 IFIPAT, IFIUDB, MSDS-OHS, PROMT, PS, RTECS*, SPECINFO, SYNTHLINE,
 TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Book; Conference; Journal; Patent; Report
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); PREP (Preparation); PROC (Process); PRP (Properties); USES
 (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological
 study); PREP (Preparation); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses)

Br—(CH₂)₆—Br

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1684 REFERENCES IN FILE CA (1907 TO DATE)
 35 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1697 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 28 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

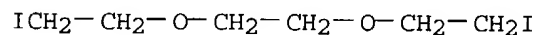
RN 78-75-1 REGISTRY
 CN Propane, 1,2-dibromo- (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **1,2-Dibromopropane**
 CN 2,3-Dibromopropane
 CN Propylene dibromide
 FS 3D CONCORD
 DR 120575-45-3
 MF C3 H6 Br2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX,
 CHEMLIST, CSCHEM, CSNB, DETHERM*, EMBASE, GMELIN*, HODOC*, IFICDB,
 IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, NIOSHTIC, PDLCOM*, RTECS*,
 SPECINFO, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Journal; Patent; Report
 RL.P Roles from patents: BIOL (Biological study); FORM (Formation,
 nonpreparative); PREP (Preparation); PROC (Process); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: RACT (Reactant or
 reagent); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties);
 RACT
 (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: FORM (Formation,
 nonpreparative)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

469 REFERENCES IN FILE CA (1907 TO DATE)
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 469 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

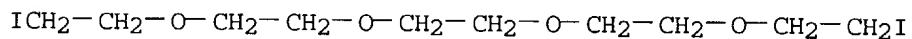
RN 36839-55-1 REGISTRY
 CN Ethane, 1,2-bis(2-iodoethoxy)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 1,2-Bis(2-iodoethoxy)ethane
 CN 1,8-Diiodo-3,6-dioxaoctane
 CN 1-Iodo-2-[2-(2-iodoethoxy)ethoxy]ethane
 CN Ethylene glycol bis(2-iodoethyl) ether
 FS 3D CONCORD
 MF **C6 H12 I2 O2**
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CSCHEM, MSDS-OHS, SPECINFO, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 DT.CA Caplus document type: Conference; Journal; Patent
 RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent);
 USES (Uses)
 RL.NP Roles from non-patents: PREP (Preparation); PROC (Process); PRP
 (Properties); RACT (Reactant or reagent); USES (Uses)



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

133 REFERENCES IN FILE CA (1907 TO DATE)
 133 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 76871-59-5 REGISTRY
CN 3,6,9,12-Tetraoxatetradecane, 1,14-diiodo- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 1,14-Diiodo-3,6,9,12-tetraoxatetradecane
FS 3D CONCORD
MF C10 H20 I2 O4
LC STN Files: BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT, CHEMINFORMRX,
GMELIN*, USPATFULL
(*File contains numerically searchable property data)
DT.CA Caplus document type: Journal; Patent
RL.P Roles from patents: PREP (Preparation)
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

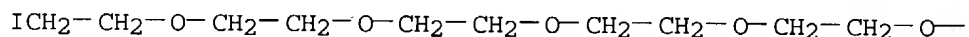


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

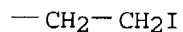
33 REFERENCES IN FILE CA (1907 TO DATE)
33 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 118798-05-3 REGISTRY
CN 3,6,9,12,15-Pentaoxaheptadecane, 1,17-diiodo- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 1,17-Diiodo-3,6,9,12,15-pentaoxaheptadecane
FS 3D CONCORD
MF C12 H24 I2 O5
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, GMELIN*, USPAT2, USPATFULL
(*File contains numerically searchable property data)
DT.CA Caplus document type: Journal; Patent
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

21 REFERENCES IN FILE CA (1907 TO DATE)
21 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 624-73-7 REGISTRY
 CN Ethane, 1,2-diiodo- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 1,2-Diiodoethane
 CN Diiodoethane
 CN Ethylene iodide
 FS 3D CONCORD
 MF C2 H4 I2
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSCHM, DETHERM*, GMELIN*, HODOC*, IFICDB,
 IFIPAT, IFIUDB, NIOSHTIC, PIRA, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2,
 USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC
 (Process); RACT (Reactant or reagent); USES (Uses); NORL (No role in
 record)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties);
 RACT
 (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: PREP
 (Preparation); RACT (Reactant or reagent); USES (Uses)

I-CH₂-CH₂-I

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

347 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 348 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 13 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 627-31-6 REGISTRY
 CN Propane, 1,3-diiodo- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN .alpha.,.omega.-Diiodopropane
 CN **1,3-Diiodopropane**
 CN NSC 35647
 CN Trimethylene diiodide
 FS 3D CONCORD
 MF C3 H6 I2
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSCHEM, DETHERM*, GMELIN*, HODOC*, IFICDB,
 IFIPAT, IFIUIDB, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2,
 USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Journal; Patent
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT
 (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); MSC (Miscellaneous); PREP
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: FORM (Formation,
 nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties);
 RACT (Reactant or reagent); USES (Uses)

I-CH₂-CH₂-CH₂-I

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

437 REFERENCES IN FILE CA (1907 TO DATE)
 8 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 439 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 10 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 628-21-7 REGISTRY
 CN Butane, 1,4-diiodo- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN .alpha.,.omega.-Diiodobutane
 CN **1,4-Diiodobutane**
 CN 1,4-Diodobutane
 CN NSC 31721
 CN Tetramethylene diiodide
 FS 3D CONCORD
 MF C4 H8 I2
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSChem, DETHERM*, GMELIN*, HODOC*, IFICDB,
 IFIPAT, IFIUDb, MEDLINE, RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Journal; Patent; Preprint; Report
 RL.P Roles from patents: ANST (Analytical study); RACT (Reactant or
 reagent); USES (Uses)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); PREP (Preparation); PROC (Process); PRP (Properties); USES
 (Uses)
 RL.NP Roles from non-patents: BIOL (Biological study); FORM (Formation,
 nonpreparative); MSC (Miscellaneous); PREP (Preparation); PROC
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);
 NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: PREP
 (Preparation); PROC (Process); PRP (Properties); USES (Uses)

I- (CH₂)₄-I

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

531 REFERENCES IN FILE CA (1907 TO DATE)
 15 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 531 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 628-77-3 REGISTRY
 CN Pentane, 1,5-diiodo- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN .alpha.,.omega.-Diiodopentane
 CN **1,5-Diiodopentane**
 CN NSC 9457
 CN Pentamethylene diiodide
 FS 3D CONCORD
 MF C5 H10 I2
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSCHM, DETHERM*, GMELIN*, HODOC*, IFICDB,
 IFIPAT, IFIUDB, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2,
 USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Journal; Patent
 RL.P Roles from patents: PROC (Process); RACT (Reactant or reagent); USES
 (Uses)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); USES (Uses)
 RL.NP Roles from non-patents: BIOL (Biological study); MSC (Miscellaneous);
 PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: FORM (Formation,
 nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties);
 USES (Uses)

I-(CH₂)₅-I

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

281 REFERENCES IN FILE CA (1907 TO DATE)
 5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 281 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 7 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

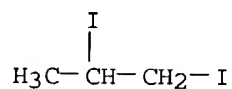
RN 629-09-4 REGISTRY
 CN Hexane, 1,6-diiodo- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN .alpha.,.omega.-Diiodohexane
 CN **1,6-Diiodohexane**
 CN Hexamethylene diiodide
 FS 3D CONCORD
 MF C6 H12 I2
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSChem, DETHERM*, GMELIN*, HODOC*, IFICDB,
 IFIPAT, IFIUDb, MSDS-OHS, RTECS*, SPECINFO, TOXCENTER, USPAT2,
 USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
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 DT.CA Caplus document type: Journal; Patent
 RL.P Roles from patents: PREP (Preparation); PROC (Process); RACT (Reactant
 or reagent); USES (Uses)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); PREP (Preparation); PROC (Process); PRP (Properties); RACT
 (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: PREP
 (Preparation); PRP (Properties); USES (Uses)

I- (CH₂)₆-I

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

217 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 217 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 6 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

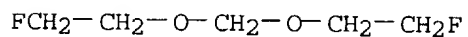
RN 598-29-8 REGISTRY
CN Propane, 1,2-diiodo- (7CI, 8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN **1,2-Diiodopropane**
FS 3D CONCORD
MF C3 H6 I2
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, DETHERM*, HODOC*
(*File contains numerically searchable property data)
DT.CA Caplus document type: Dissertation; Journal; Preprint
RL.NP Roles from non-patents: PREP (Preparation); PROC (Process); PRP
(Properties); NORL (No role in record)



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

15 REFERENCES IN FILE CA (1907 TO DATE)
15 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 373-40-0 REGISTRY
CN Ethane, 1,1'-[methylenebis(oxy)]bis[2-fluoro- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Methane, bis(2-fluoroethoxy)- (6CI, 7CI, 8CI)
FS 3D CONCORD
MF C5 H10 F2 O2
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, DETHERM*, TOXCENTER
(*File contains numerically searchable property data)
DT.CA Caplus document type: Journal; Patent
RL.P Roles from patents: NORL (No role in record)
RL.NP Roles from non-patents: PREP (Preparation); PROC (Process); PRP
(Properties); RACT (Reactant or reagent); NORL (No role in record)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

15 REFERENCES IN FILE CA (1907 TO DATE)
15 REFERENCES IN FILE CAPLUS (1907 TO DATE)
11 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 624-72-6 REGISTRY
 CN Ethane, 1,2-difluoro- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **1,2-Difluoroethane**
 CN Freon 152
 CN HFC 152
 CN R 152
 CN R 152 (refrigerant)
 FS 3D CONCORD
 MF C2 H4 F2
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMLIST, CSCHEM, CSNB, DETHERM*, DIPPR*, GMELIN*, HODOC*, HSDB*,
 IFICDB, IFIPAT, IFIUDB, NIOSHTIC, RTECS*, SPECINFO, TOXCENTER, ULIDAT,
 USPATFULL
 (*File contains numerically searchable property data)
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent;
 Report
 RL.P Roles from patents: BIOL (Biological study); FORM (Formation,
 nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties);
 RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties);
 RACT
 (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological
 study)

F-CH₂-CH₂-F

****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

368 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 368 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 10 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 462-39-5 REGISTRY
CN Propane, 1,3-difluoro- (6CI, 8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN **1,3-Difluoropropane**
CN R 272fa
FS 3D CONCORD
MF C3 H6 F2
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CSCHEM,
HODOC*, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
DT.CA Caplus document type: Conference; Journal; Patent
RL.P Roles from patents: PRP (Properties); USES (Uses); NORL (No role in
record)
RL.NP Roles from non-patents: BIOL (Biological study); FORM (Formation,
nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process);
PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No
role
in record)

F-CH₂-CH₂-CH₂-F

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

54 REFERENCES IN FILE CA (1907 TO DATE)
54 REFERENCES IN FILE CAPLUS (1907 TO DATE)
5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 372-90-7 REGISTRY
CN Butane, 1,4-difluoro- (6CI, 8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN **1,4-Difluorobutane**
FS 3D CONCORD
MF C4 H8 F2
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CHEMCATS, RTECS*
(*File contains numerically searchable property data)
DT.CA Caplus document type: Conference; Journal; Patent
RL.P Roles from patents: PREP (Preparation); USES (Uses)
RL.NP Roles from non-patents: FORM (Formation, nonpreparative); PREP
(Preparation); PRP (Properties); RACT (Reactant or reagent); NORL (No
role in record)

F- (CH₂)₄-F

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

22 REFERENCES IN FILE CA (1907 TO DATE)
22 REFERENCES IN FILE CAPLUS (1907 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 373-17-1 REGISTRY
CN Pentane, 1,5-difluoro- (6CI, 8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN **1,5-Difluoropentane**
FS 3D CONCORD
MF C5 H10 F2
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, IFICDB, IFIPAT, IFIUDB,
RTECS*, TOXCENTER
(*File contains numerically searchable property data)
DT.CA Caplus document type: Conference; Journal; Patent
RL.P Roles from patents: PREP (Preparation)
RL.NP Roles from non-patents: PREP (Preparation); PRP (Properties); RACT
(Reactant or reagent); NORL (No role in record)

F-(CH₂)₅-F

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

9 REFERENCES IN FILE CA (1907 TO DATE)
9 REFERENCES IN FILE CAPLUS (1907 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

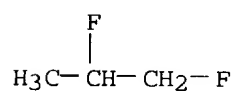
RN 373-29-5 REGISTRY
CN Hexane, 1,6-difluoro- (7CI, 8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN **1,6-Difluorohexane**
FS 3D CONCORD
MF C6 H12 F2
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, TOXCENTER
(*File contains numerically searchable property data)
DT.CA Caplus document type: Conference; Journal; Patent
RL.P Roles from patents: PREP (Preparation)
RL.NP Roles from non-patents: PREP (Preparation); PRP (Properties); NORL (No
role in record)

F- (CH₂)₆-F

****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

14 REFERENCES IN FILE CA (1907 TO DATE)
14 REFERENCES IN FILE CAPLUS (1907 TO DATE)
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 62126-90-3 REGISTRY
 CN Propane, 1,2-difluoro- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **1,2-Difluoropropane**
 CN HFC 272ea
 CN R 272ea
 FS 3D CONCORD
 MF C3 H6 F2
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAPLUS, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)
 DT.CA Caplus document type: Journal; Patent
 RL.P Roles from patents: PREP (Preparation); PRP (Properties); USES (Uses)
 RL.NP Roles from non-patents: OCCU (Occurrence); PREP (Preparation); PRP
 (Properties); RACT (Reactant or reagent); USES (Uses)



***PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

36 REFERENCES IN FILE CA (1907 TO DATE)
 36 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 12034-39-8 REGISTRY
 CN Sodium sulfide (Na₂(S₄)) (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Sodium sulfide (Na₂S₄) (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN **Disodium tetrasulfide**
 CN **Sodium tetrasulfide**
 DR 37488-78-1
 MF Na₂ S₄
 CI COM
 LC STN Files: CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX,
 CHEMLIST, CIN, CSChem, DETHERM*, IFICDB, IFIPAT, IFIUDb, NIOSHTIC,
 PDLCOM*, PROMT, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent;
 Report
 RL.P Roles from patents: BIOL (Biological study); FORM (Formation,
 nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: PREP (Preparation);
 USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); FORM (Formation,
 nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process);
 PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No
 role
 in record)
 RLD.NP Roles for non-specific derivatives from non-patents: PREP
 (Preparation); PRP (Properties); RACT (Reactant or reagent)

Na-S-S-S-S-Na

351 REFERENCES IN FILE CA (1907 TO DATE)
 10 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 352 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 19 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 12136-49-1 REGISTRY
CN Potassium sulfide (K2(S4)) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Potassium sulfide (K2S4) (6CI, 7CI, 8CI)
OTHER NAMES:
CN **Dipotassium tetrasulfide**
CN Potassium polysulfide (K2S4)
MF K2 S4
LC STN Files: CA, CAOLD, CAPLUS, CHEMLIST, IFICDB, IFIPAT, IFIUDB,
MSDS-OHS, TOXCENTER, USPAT2, USPATFULL
DT.CA Caplus document type: Conference; Dissertation; Journal; Patent;
Report
RL.P Roles from patents: BIOL (Biological study); PROC (Process); RACT
(Reactant or reagent); USES (Uses)
RL.NP Roles from non-patents: ANST (Analytical study); FORM (Formation,
nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties);
RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

K-S-S-S-S-K

58 REFERENCES IN FILE CA (1907 TO DATE)
58 REFERENCES IN FILE CAPLUS (1907 TO DATE)
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 74321-15-6 REGISTRY
CN Lithium sulfide (Li2(S4)) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN **Dilithium tetrasulfide**
CN Lithium sulfide (Li2S4)
DR 167077-99-8
MF Li2 S4
CI COM
LC STN Files: CA, CAPLUS, CASREACT
DT.CA Caplus document type: Journal; Patent; Report
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent);
USES (Uses)
RL.NP Roles from non-patents: ANST (Analytical study); PRP (Properties);
RACT
(Reactant or reagent); USES (Uses)
RLD.NP Roles for non-specific derivatives from non-patents: PROC (Process)

Li-S-S-S-Li

12 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 22868-13-9 REGISTRY
 CN Sodium sulfide (Na₂(S₂)) (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Sodium sulfide (Na₂S₂) (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN Disodium disulfide
 CN Sodium disulfide
 DR 12034-38-7
 MF Na₂ S₂
 CI COM
 LC STN Files: BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMINFORMRX, CHEMLIST,
 DETHERM*, IFICDB, IFIPAT, IFIUDB, PIRA, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Journal; Patent; Report
 RL.P Roles from patents: BIOL (Biological study); OCCU (Occurrence); PREP
 (Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses);
 NORL (No role in record)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); PREP (Preparation); PROC
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);
 NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: OCCU
 (Occurrence);
 PREP (Preparation); PROC (Process); PRP (Properties)

Na-S-S-Na

348 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 348 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 34 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 1336-23-8 REGISTRY
CN Potassium sulfide (K2(S2)) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Potassium sulfide (K2S2) (7CI, 8CI)
OTHER NAMES:
CN **Dipotassium disulfide**
MF K2 S2
CI COM
LC STN Files: CA, CAOLD, CAPLUS, CHEMLIST, MSDS-OHS, USPAT2, USPATFULL
DT.CA Caplus document type: Conference; Journal; Patent; Report
RL.P Roles from patents: BIOL (Biological study); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
RLD.P Roles for non-specific derivatives from patents: USES (Uses)
RL.NP Roles from non-patents: ANST (Analytical study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

K-S-S-K

46 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
46 REFERENCES IN FILE CAPLUS (1907 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 51148-09-5 REGISTRY
CN Lithium sulfide (Li2(S2)) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN **Dilithium disulfide**
CN Lithium disulfide
DR 59778-52-8
MF Li2 S2
LC STN Files: BIOSIS, CA, CAPLUS, CASREACT, IFICDB, IFIPAT, IFIUDB
DT.CA Caplus document type: Journal; Patent; Report
RL.P Roles from patents: RACT (Reactant or reagent); USES (Uses)
RL.NP Roles from non-patents: FORM (Formation, nonpreparative); PREP
(Preparation); PRP (Properties); RACT (Reactant or reagent); USES
(Uses)

Li-S-S-Li

33 REFERENCES IN FILE CA (1907 TO DATE)
33 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 37488-76-9 REGISTRY
 CN Sodium sulfide (Na₂(S₃)) (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Sodium sulfide (Na₂S₃) (6CI, 7CI)
 OTHER NAMES:
 CN **Disodium trisulfide**
 CN Sodium sesquisulfide
 CN Sodium trisulfide
 CN Sodium trisulfide (Na₂S₃)
 DR 12300-04-8, 14447-66-6, 37217-09-7
 MF Na₂ S₃
 CI COM
 LC STN Files: CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, IFICDB, IFIPAT,
 IFIUDB, TOXCENTER, USPAT2, USPATFULL
 DT.CA Caplus document type: Conference; Journal; Patent
 RL.P Roles from patents: BIOL (Biological study); FORM (Formation,
 nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process);
 RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: PREP (Preparation);
 USES (Uses)
 RL.NP Roles from non-patents: FORM (Formation, nonpreparative); PREP
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: USES (Uses)

Na-S-S-S-Na

135 REFERENCES IN FILE CA (1907 TO DATE)
 5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 135 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 7 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 37488-75-8 REGISTRY
CN Potassium sulfide (K2(S3)) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Potassium sulfide (K2S3) (6CI, 8CI)
OTHER NAMES:
CN **Dipotassium trisulfide**
DR 12124-92-4, 10579-82-5
MF K2 S3
LC STN Files: CA, CAOLD, CAPLUS, CASREACT, CHEMLIST, IFICDB, IFIUDB,
MSDS-OHS, USPAT2, USPATFULL
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)
DT.CA Caplus document type: Conference; Journal; Patent; Report
RL.P Roles from patents: BIOL (Biological study); RACT (Reactant or
reagent); USES (Uses)
RL.NP Roles from non-patents: ANST (Analytical study); PREP (Preparation);
PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES
(Uses); NORL (No role in record)
RLD.NP Roles for non-specific derivatives from non-patents: PREP
(Preparation); PRP (Properties)

K-S-S-S-K

59 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
59 REFERENCES IN FILE CAPLUS (1907 TO DATE)
4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 51148-06-2 REGISTRY
CN Lithium sulfide (Li2(S3)) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN **Lithium trisulfide**
MF Li2 S3
LC STN Files: CA, CAPLUS, CASREACT, IFICDB, IFIPAT, IFIUDB
DT.CA Caplus document type: Journal; Patent
RL.P Roles from patents: RACT (Reactant or reagent); USES (Uses)
RL.NP Roles from non-patents: PRP (Properties); RACT (Reactant or reagent)

Li-S-S-S-Li

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 12034-40-1 REGISTRY
 CN Sodium sulfide (Na₂(S₅)) (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Sodium sulfide (Na₂S₅) (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN **Disodium pentasulfide**
 CN **Sodium pentasulfide (Na₂S₅)**
 DR 37488-77-0, 70303-98-9
 MF Na₂ S₅
 CI COM
 LC STN Files: CA, CAOLD, CAPLUS, CASREACT, DETHERM*, IFICDB, IFIPAT,
 IFIUDB, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)
 DT.CA Caplus document type: Conference; Journal; Patent; Report
 RL.P Roles from patents: BIOL (Biological study); FORM (Formation,
 nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: PREP (Preparation);
 USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); FORM (Formation,
 nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties);
 RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: PRP (Properties)

Na-S-S-S-S-S-Na

160 REFERENCES IN FILE CA (1907 TO DATE)
 6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 160 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 12136-50-4 REGISTRY
CN Potassium sulfide (K2(S5)) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Potassium sulfide (K2S5) (6CI, 7CI, 8CI)
OTHER NAMES:
CN **Dipotassium pentasulfide**
CN Hydrogen sulfide (H2S5), dipotassium salt
DR 60671-65-0, 61320-63-6
MF K2 S5
LC STN Files: CA, CAOLD, CAPLUS, CASREACT, CHEMLIST, IFICDB, IFIUDB,
MSDS-OHS, TOXCENTER
DT.CA Caplus document type: Conference; Journal; Patent; Report
RL.P Roles from patents: BIOL (Biological study); PROC (Process); RACT
(Reactant or reagent); USES (Uses); NORL (No role in record)
RL.NP Roles from non-patents: ANST (Analytical study); FORM (Formation,
nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process);
PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No
role
in record)

K-S-S-S-S-S-K

63 REFERENCES IN FILE CA (1907 TO DATE)
63 REFERENCES IN FILE CAPLUS (1907 TO DATE)
4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 37188-08-2 REGISTRY
CN Sodium sulfide (Na₂(S₆)) (6CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN **Disodium hexasulfide**
CN Sodium sulfide (Na₂S₆)
MF Na₂ S₆
LC STN Files: CA, CAOLD, CAPLUS, TOXCENTER, USPAT2, USPATFULL
DT.CA Caplus document type: Conference; Journal; Patent
RL.P Roles from patents: PREP (Preparation); PROC (Process); RACT (Reactant or reagent)
RLD.P Roles for non-specific derivatives from patents: USES (Uses)
RL.NP Roles from non-patents: PREP (Preparation); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
RLD.NP Roles for non-specific derivatives from non-patents: PREP (Preparation); RACT (Reactant or reagent)

Na-S-S-S-S-S-S-Na

15 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
15 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 37188-07-1 REGISTRY
CN Potassium sulfide (K2(S6)) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN **Dipotassium hexasulfide**
CN Potassium sulfide (K2S6)
MF K2 S6
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL
DT.CA Caplus document type: Journal; Patent; Report
RL.P Roles from patents: RACT (Reactant or reagent)
RL.NP Roles from non-patents: ANST (Analytical study); FORM (Formation,
nonpreparative); PREP (Preparation); PRP (Properties); RACT (Reactant
or
reagent); USES (Uses)

K-S-S-S-S-S-S-K

23 REFERENCES IN FILE CA (1907 TO DATE)
23 REFERENCES IN FILE CAPLUS (1907 TO DATE)